



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502

Dirk Kempthorne, Governor
Toni Hardesty, Director

May 19, 2006

Certified Mail No. 7005 1160 0000 1550 4021

Mr. Mark Petersen
Sinclair Transportation Company
550 E S Temple
Salt Lake City, UT 84102

RE: Facility ID No. 001-00112, Sinclair Transportation Company, Boise
Automatic Transfer of Tier II Operating Permit

Dear Mr. Petersen:

This letter acknowledges receipt for an automatic transfer of a Tier II operating permit, received January 17, 2006, in accordance with IDAPA 58.01.01.404.05.b (Rules for the Control of Air Pollution in Idaho). The transfer request is for Tier II Operating Permit No. T2-030029, issued October 8, 2004, and is based on the following information:

Current Permittee Information

Permittee: Sinclair Oil Corp. – Boise Terminal

Proposed Permittee Information

Permittee: Sinclair Transportation Company

All other information in the permit remains the same.

Attached to this letter is the written documentation signed by the current and proposed permittees containing a date for transfer of permit responsibility, designation of the permittee's responsible official and certification that Sinclair Transportation Company intends to operate in accordance with the permit terms and conditions and IDAPA 58.01.01.404.05.b.ii. The effective date of the PTC transfer is April 11, 2006, which is the effective date of the rule contained in Section 404.05. DEQ recommends that you maintain a copy of this letter and the attachment containing your original request for your records.

This transfer does not release Sinclair Transportation Company from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances. If you have any questions, please contact Bill Rogers at (208) 373-0502 or william.rogers@deq.idaho.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Martin Bauer", followed by the word "for" in a cursive script.

Martin Bauer, Administrator
Air Quality Division

Attachment

MB/NBD/bf

Permit No. T2-060002

c: **David Stice, Sinclair Transportation Company, 550 E S Temple St, Salt Lake City, UT 84130**
June Hues, Airshed Manager, Boise Regional Office
Bill Rogers, Permit Coordinator, Air Quality Division
Natalie DelRio, Permit Writer, Technical Services
Marilyn Seymore/Pat Rayne, Air Quality Division
Laurie Kral, US EPA Region 10
Permit Binder
Phyllis Heitman, Air Quality Division
Source File
Reading File



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor
Toni Hardesty, Director

October 8, 2004

Certified Mail No. 7000 1670 0013 8129 1109

Mark Petersen
Manager of Pipelines and Terminals
Sinclair Oil Corporation
P.O. Box 30825
Salt Lake City, Utah 84130

RE: Facility ID No. 001-00112, Sinclair Oil Corporation, Boise
Final Tier II Operating Permit and Permit to Construct Letter

Dear Mr. Petersen:

The Department of Environmental Quality (DEQ) is issuing Tier II Operating Permit and Permit to Construct No. T2- 030029 for the Sinclair Oil Corporation's facility in Boise, in accordance with IDAPA 58.01.01.400 through 406 and 200 through 228, Rules for the Control of Air Pollution in Idaho (Rules).

The enclosed permit is based on the information contained in your permit application and on comments received during the public comment period. This permit is effective immediately and supersedes your previous permit issued on November 18, 2002. Modification to and/or renewal of this permit shall be requested in a timely manner in accordance with the Rules.

A representative of the Boise Regional Office will contact you regarding a meeting with DEQ to discuss the permit terms and requirements. DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to call Bill Rogers at (208) 373-0502 to address any questions or concerns you may have with the enclosed permit.

Sincerely,

Martin Bauer, Administrator
Air Quality Division

MB/ABC/sd Permit No. T2-030029
Enclosure



**AIR QUALITY
TIER II OPERATING PERMIT
and
PERMIT TO CONSTRUCT**

**State of Idaho
Department of Environmental Quality**

PERMIT No.: T2-030029

FACILITY ID No.: 001-00112

AQCR: 064

CLASS: SM⁸⁰

SIC: 5171

ZONE: 11

UTM COORDINATE (km): 463.0, 8630.0

1. PERMITTEE

Sinclair Oil Corp. - Boise Terminal

2. PROJECT

Boise Terminal - Tier II Operating Permit and Permit to Construct Revision

3. MAILING ADDRESS

P.O. Box 30825

CITY

Salt Lake City

STATE

UT

ZIP

84130

4. FACILITY CONTACT

Sam Greene

TITLE

Corporate Air Quality Engineer

TELEPHONE

801-524-2729

5. RESPONSIBLE OFFICIAL

Mark Petersen

TITLE

Manager of Pipelines and
Terminals

TELEPHONE

801-524-2852

6. EXACT PLANT LOCATION

712 N. Curtis Road, Boise, Idaho

COUNTY

Ada

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Bulk gasoline and distillate fuel oil distribution

8. PERMIT AUTHORITY

This permit to construct and Tier II operating permit is issued according to the *Rules for the Control of Air Pollution in Idaho*, IDAPA 58.01.01.200-228 and IDAPA 58.01.01.400-470, respectively. This permit pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be operated by this permit. Only the terms and conditions pertaining to Tier II operating permit requirements are subject to the expiration date of this permit.

This permit is not transferable to another person, place, or piece or set of equipment and will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

This permit has been granted on the basis of design information presented in the application and the Idaho Department of Environmental Quality's (DEQ) technical analysis of the supplied information. Changes in design or equipment that result in any change in the nature or amount of emissions may be considered a modification. Modifications are subject to DEQ review in accordance with IDAPA 58.01.01.200 et seq.

**TONI HARDESTY, DIRECTOR
DEPARTMENT OF ENVIRONMENTAL QUALITY**

DATE ISSUED: October 8, 2004

DATE EXPIRES: November 18, 2007

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Acronyms, Units and Chemical Nomenclature

AQCR	Air Quality Control Region
ASTM	American Society of Testing and Materials
CFR	Code of Federal Regulations
DEQ	Department of Environmental Quality
EPA	U.S. Environmental Protection Agency
HAPs	hazardous air pollutants
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometer
lb/hr	pound per hour
O&M	operations and maintenance
PTC	permit to construct
PVC	polyvinyl chloride
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SVE	soil vapor extraction
T/yr	tons per year
UTM	Universal Transverse Mercator
VOC	volatile organic compound

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

1. PERMIT SCOPE***Purpose***

- 1.1 This permit establishes facility-wide requirements that limit the facility's potential to emit below Tier I operating permit thresholds. This permitting action is a revision to Tier II Operating Permit and Permit to Construct No. 001-00112, issued November 18, 2002.
- 1.2 This permit supersedes the following permits:
 - Tier II Operating Permit and Permit to Construct No. 001-00112, issued November 18, 2002.
 - Permit to Construct No. 001-00112, issued, July 7, 1999
 - Permit to Construct No. 001-00112, issued, September 21, 1998
 - Tier II Operating Permit No. 001-00112, issued, August 23, 1996
- 1.3 Tier II operating permits are issued for a period not to exceed five years. The permittee shall submit a timely application for renewal of this permit.

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

Regulated Sources

1.4 Table 1.1 below lists all sources of emissions that are regulated in this permit.

Table 1.1 EMISSION SOURCES

Permit Sections	Source Descriptions	Emissions Control(s)
3	Tanks 401, 404, 411, and 421: <ul style="list-style-type: none"> Floating roof Store gasoline or distillate fuel oil 840,000-gallon capacity each 	None
3	Tank 431: <ul style="list-style-type: none"> Floating roof Stores gasoline or distillate fuel oil 3,336,000-gallon capacity 	None
3	Tanks 402, 405, and 406: <ul style="list-style-type: none"> Fixed roof Store distillate fuel oil 840,000-gallon capacity each 	None
3	Tank 400 (Transmix tank): <ul style="list-style-type: none"> Fixed roof Stores gasoline 3,808-gallon capacity 	None
3	Prover tank: <ul style="list-style-type: none"> Fixed roof Stores gasoline or distillate fuel oil 734-gallon capacity 	None
4	Distillate fuel oil loading: <ul style="list-style-type: none"> Overhead loading Submerged fill Annual throughput of 570,276,000 gallons 	None
4	Gasoline loading: <ul style="list-style-type: none"> Overhead loading Submerged fill Annual throughput of 0.0 gallons 	None
5	Soil vapor extraction system	Thermal oxidizer

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

2. FACILITY-WIDE CONDITIONS***Fugitive Emissions***

- 2.1 All reasonable precautions shall be taken to prevent particulate matter from becoming airborne in accordance with IDAPA 58.01.01.650-651. In determining what is reasonable, considerations will be given to factors such as the proximity of dust-emitting operations to human habitations and activities and atmospheric conditions that might affect the movement of particulate matter. Some of the reasonable precautions include, but are not limited to, the following:
- Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands.
 - Application, where practical, of asphalt, oil, water or suitable chemicals to, or covering of dirt roads, material stockpiles, and other surfaces which can create dust.
 - Installation and use, where practical, of hoods, fans and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations.
 - Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
 - Paving of roadways and their maintenance in a clean condition, where practical.
 - Prompt removal of earth or other stored material from streets, where practical.
- 2.2 The permittee shall monitor and maintain records of the frequency and the method(s) used (i.e., water, chemical dust suppressants, etc.) to reasonably control fugitive emissions.
- 2.3 The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.
- 2.4 The permittee shall conduct a monthly facility-wide inspection of potential sources of fugitive emissions, during daylight hours and under normal operating conditions, to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive emission inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken.

Odors

- 2.5 No person shall allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

- 2.6 The permittee shall maintain records of all odor complaints received. If the complaint has merit, the permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

Visible Emissions

- 2.7 No person shall discharge any air pollutant to the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which is greater than 20% opacity as determined by procedures contained in IDAPA 58.01.01.625. These provisions shall not apply when the presence of uncombined water, nitrogen oxides, and/or chlorine gas are the only reason(s) for the failure of the emission to comply with the requirements of this section.
- 2.8 The permittee shall conduct a quarterly facility-wide inspection of potential sources of visible emissions during daylight hours and under normal operating conditions. The visible emissions inspection shall consist of a see/no see evaluation for each potential source. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable, or perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. The permittee shall maintain records of the results of each visible emissions inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

Excess Emissions

- 2.9 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets, and breakdowns.

Reports and Certifications

- 2.10 Any reporting required by this permit, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certifications, shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete. Any reporting required by this permit shall be submitted to the following:

Air Quality Permit Compliance
Department of Environmental Quality
Boise Regional Office
1445 N. Orchard
Boise, ID 83706-2239
Phone: (208) 373-0550

Fax: (208) 373-0287

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

Monitoring and Recordkeeping

- 2.11 The permittee shall maintain sufficient recordkeeping to assure compliance with all of the terms and conditions of this operating permit. Records of monitoring information shall include, but not be limited to, the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

Open Burning

- 2.12 The permittee shall comply with the requirements of IDAPA 58.01.01.600-616, *Rules for Control of Open Burning*.

Test Methods

- 2.13 If testing is required, the permittee shall use the test methods listed in Table 2.1 to measure the pollutant emissions.

Table 2.1 TEST METHODS

Pollutants	Test Method*	Special Conditions
VOC & HAPs	EPA Method 18	
Opacity	EPA Method 9	If an NSPS source, IDAPA 58.01.01.625 and Method 9; otherwise, IDAPA 58.01.01.625 only.

*Or DEQ-approved alternative in accordance with IDAPA 58.01.01.157

Performance Tests

- 2.14 If testing is required, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test or shorter time period as provided in a permit, order, consent decree, or by DEQ approval. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests such testing not be performed on weekends or state holidays.

All testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, prior to conducting any compliance test, the permittee is encouraged to submit in writing to DEQ, at least 30 days in advance, the following for approval:

- The type of method to be used
- Any extenuating or unusual circumstances regarding the proposed test
- The proposed schedule for conducting and reporting the test

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

Within 30 days following the date on which a compliance test required by this permit is concluded, the permittee shall submit to DEQ a report for the respective test. The compliance test report shall include a description of the process, identification of the method(s) used, equipment used, all process operating data collected during the test period, and test results as well as raw test data and associated documentation, including any approved test protocol.

The proposed test date(s), test date rescheduling notice(s), compliance test report, and all other correspondence shall be sent to the following:

Air Quality Permit Compliance
Department of Environmental Quality
Boise Regional Office
1445 N. Orchard
Boise, ID 83706-2239
Phone: (208) 373-0550 Fax: (208) 373-0287

Sulfur Content

- 2.15 No person shall sell, distribute, use, or make available for use any distillate fuel oil containing more than the following percentages of sulfur:
- ASTM Grade 1 fuel oil – 0.3% by weight.
 - ASTM Grade 2 fuel oil – 0.5% by weight.
 - Residual fuel oil (ATSM grade 4, 5, and 6) – 1.75% by weight.
- 2.15.1 The permittee shall establish compliance with the limits specified in Permit Condition 2.15 by fulfilling the requirements of either Permit Condition 2.15.2 or 2.15.3. The permittee shall, contemporaneously with making a change from one option to another, record the change and maintain the records in accordance with Permit Condition 2.11.
- 2.15.2 The permittee shall determine the sulfur content of each shipment of distillate fuel received by the facility. The reference test method for measuring fuel sulfur content shall be ASTM method D129-95 Standard Test for Sulfur in Petroleum Products (General Bomb Method), or such comparable and equivalent method approved in accordance with IDAPA 58.01.01.157.02.d. Test methods and procedures shall comply with IDAPA 58.01.01.157. The results of each test performed shall be recorded and the records maintained in accordance with Permit Condition 2.11.
- 2.15.3 The permittee shall obtain documentation of the sulfur content analysis of each shipment of distillate fuel from the refinery that produced the fuel. The documentation shall clearly state the sulfur content in weight percent of sulfur present in the fuel sample and shall reference the method of analysis used to determine the sulfur content in the fuel oil. This documentation shall be maintained in accordance with Permit Condition 2.11.

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

3. PETROLEUM PRODUCT STORAGE TANKS AND OTHER ASSOCIATED TANKS**3.1 Process Description**

Petroleum product storage consists of 10 aboveground tanks of various capacities, throughputs, and design. The fuel media consists of gasoline and distillate fuel oil. The maximum potential emission from any one of these tanks occurs when the fuels are loaded, stored, and unloaded at their defined maximum throughputs.

Emissions Limits**3.2 Emissions Limits**

The VOC and HAP emissions of the storage and associated tanks shall not exceed the corresponding emissions rate limits listed in Appendix A. Annual emissions limits are based on any consecutive 12-month period.

Operating Requirements**3.3 Throughput Limits**

- 3.3.1 The throughput of petroleum products to the storage and associated tanks shall not exceed any corresponding throughput limit listed in Appendix B. Annual throughput limits are based on any consecutive 12-month period.
- 3.3.2 The petroleum products stored in the storage and associated tanks shall be limited to the product type listed in Appendix B.

Monitoring and Recordkeeping Requirements**3.4 Throughput Monitoring**

The permittee shall continuously monitor and record, in U.S. gallons, the throughput of petroleum products to the storage and associated tanks to demonstrate compliance with Permit Conditions 3.2 and 3.3.1. Records of this information shall be maintained in accordance with Permit Condition 2.11.

3.5 Product Monitoring

The permittee shall continuously monitor and record the type of petroleum product delivered to the storage and associated tanks to demonstrate compliance with Permit Conditions 3.2 and 3.3.2. Records of this information shall be maintained in accordance with Permit Condition 2.11.

3.6 Operations and Maintenance Manual Requirements

Within 60 days of issuance of this permit, the permittee shall have developed an O&M manual that addresses the operation, maintenance, and repair of each petroleum product storage and associated tanks listed in Appendix B. The O&M manual shall be updated and shall include the most recent general description of the equipment; normal operating conditions and procedures; startup, shutdown, and maintenance procedures; upset conditions guidelines; and corrective action procedures.

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

4. GASOLINE AND DISTILLATE FUEL LOADING RACKS**4.1 Process Description**

Displaced vapors from carriers are discharged to the atmosphere through the loading hatches in the top of the tank as a result of dispensing product at the two-bay loading-rack system. The maximum potential emissions from the loading-rack system occur when distillate grade petroleum products are dispensed at the defined maximum throughput. Gasoline petroleum products shall not be dispensed through the loading-rack system.

Emissions Limits**4.2 VOC and HAP Emissions Rate Limits**

The VOC and HAP emissions from the loading racks shall not exceed any corresponding emissions rate limit listed in Appendix A. The annual VOC and HAP emissions limits are based on any consecutive 12-month period.

Operating Requirements**4.3 Loading Rack Product Type**

- 4.3.1 The permittee shall not dispense gasoline petroleum product through any loading rack at the facility.
- 4.3.2 The permittee shall not dispense distillate fuel oil from the facility's loading racks in excess of the allowable throughput limit listed in Appendix B.

Monitoring and Recordkeeping Requirements**4.4 Throughput Monitoring**

The permittee shall monitor and record the amount of distillate fuel oil dispensed through the loading racks to demonstrate compliance with Permit Conditions 4.2 and 4.3.2. Annual throughput shall be determined by summing daily throughputs monthly, and then summing the monthly throughputs over the previous consecutive 12-month period. Records of this information shall be maintained in accordance with Permit Condition 2.11.

4.5 Operations and Maintenance Manual Requirements

Within 60 days of issuance of this permit, the permittee shall have developed an O&M manual that addresses the operation, maintenance, and repair of the facility's loading racks listed in Appendix B. The O&M manual shall be updated and shall include the most recent general description of the equipment; normal operating conditions and procedures; startup, shutdown, and maintenance procedures; upset conditions guidelines; and corrective action procedures.

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

5. SOIL VAPOR EXTRACTION SYSTEM**5.1 Process Description**

The SVE system is used to remediate subsurface water contaminated with petroleum hydrocarbons. Subsurface PVC piping connects the extraction points to the equipment where they are manifolded into a single line. A regenerative blower is utilized to withdraw the vapors from the soil into the SVE stack.

5.2 Control Description

When required, the VOC and HAP emissions from the SVE system are controlled by a thermal oxidizer prior to discharge to the atmosphere.

Emissions Limits**5.3 Emissions Limits**

5.3.1 The VOC and HAP emissions from the SVE stack shall not exceed the ton per year values listed in Appendix A on a 12-month rolling average basis.

5.3.2 Benzene emissions from the SVE stack shall not exceed an emission rate of 0.17 lb/hr on a monthly basis.

[PTC Condition]

Operating Requirements**5.4 Thermal Oxidizer Operation**

The thermal oxidizer shall be operated at a temperature of 1400°F or higher.

[PTC Condition]

5.5 Thermal Oxidizer, Standby Operation

The thermal oxidizer does not need to be present on site when the amount of benzene entering the SVE is less than or equal to 0.17 lb/hr on a monthly basis. The SVE shall not be operated after a measured benzene exceedance. Within 60 days of a measured benzene exceedance, the thermal oxidizer shall be re-installed and placed in operation.

[PTC Condition]

5.6 Monthly VOC and HAP Source Test

The permittee shall test for VOC and HAP emissions from the SVE system exhaust stack once per month using Method 18.

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

Monitoring and Recordkeeping Requirements**5.7 Low-Temperature Shutoff**

The thermal oxidizer low-temperature shutoff shall be at least 1400°F and documented in the O&M manual.

[PTC Condition]

5.8 Monitor Operating Parameters

5.8.1 The permittee shall monitor and record the results of each monthly Method 18 source test to demonstrate compliance with Permit Condition 5.3. Records of this information shall be maintained in accordance with Permit Condition 2.11.

5.8.2 When in operation, the operating temperature of the thermal oxidizer shall be monitored and recorded once per month. Records of this information shall be maintained in accordance with Permit Condition 2.11.

5.9 Operations and Maintenance Manual Requirements

Within 60 days of issuance of this permit, the permittee shall update the O&M manual for the thermal oxidizer originally required to be developed in the PTC. The O&M manual shall address the operation, maintenance, calibration, and repair of the SVE system and the thermal oxidizer. The O&M manual shall be updated and shall include the most recent general description of the equipment; normal operating conditions and procedures; startup, shutdown, and maintenance procedures; upset conditions guidelines; and corrective action procedures. The SVE and thermal oxidizer shall comply with General Provision 8 and the manufacturer air pollution control device specifications.

[PTC Condition]

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

6. APPENDIX A – EMISSION LIMITS**Sinclair Oil Corp. - Boise****Emission Limits^{a,b} - Annual (T/yr)**

Source Description	VOCs	Aggregated HAPS
	(T/yr)	(T/yr)
1. Tank 401	12.96	0.382
2. Tank 404	12.96	0.382
3. Tank 411	12.96	0.382
4. Tank 421	12.96	0.382
5. Tank 431	13.88	0.396
6. Tank 402	0.47	0.015
7. Tank 405	0.47	0.015
8. Tank 406	0.47	0.015
9. Tank 400 (Transmix tank)	0.28	0.008
10. Prover tank	0.28	0.008
11. LOADING RACK: Gasoline service	0.0	0.0
11. LOADING RACK: Distillate fuel oil service	4.61	0.149
12. Fugitive emissions	0.92	0.149
13. Soil Vapor Extraction system	25.88	9.37
TOTAL	99.1	11.7

^a As determined by a pollutant specific EPA reference method, or DEQ-approved alternative, or as determined by DEQ's emission estimation methods in this permit application.

^b Allowable throughput is to be determined on a 12-month rolling basis with compliance and recordkeeping data compiled on a monthly basis.

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

7. APPENDIX B – THROUGHPUT LIMITS**Sinclair Oil Corp. - Boise****Allowable Petroleum Product Throughputs and Product Types**

Source Description	Throughput^a (U.S. gallons/year)	Product Type
1. Tank 401	58,254,000	Gasoline or distillate fuel oil
2. Tank 404	58,254,000	Gasoline or distillate fuel oil
3. Tank 411	58,254,000	Gasoline or distillate fuel oil
4. Tank 421	58,254,000	Gasoline or distillate fuel oil
5. Tank 431	58,254,000	Gasoline or distillate fuel oil
6. Tank 402	168,630,000	Distillate fuel oil
7. Tank 405	168,630,000	Distillate fuel oil
8. Tank 406	168,630,000	Distillate fuel oil
9. Tank 400 (Transmix tank)	38,080	Gasoline and distillate "slop oil"
10. Prover tank	220,200	Gasoline or distillate fuel oil
11. Loading Rack: Gasoline service	0.0	None
11. Loading Rack: Distillate fuel oil service	570,276,000	Distillate fuel oil

^a Allowable throughput is to be determined on a 12-month rolling basis with compliance and recordkeeping data compiled on a monthly basis.

AIR QUALITY TIER II OPERATING PERMIT AND PERMIT TO CONSTRUCT NUMBER T2- 030029

Permittee:	Sinclair Oil Corp.	Facility ID. No. 001-00112	Date Issued:	October 8, 2004
Location:	Boise, Idaho		Date Expires:	November 18, 2007

8. GENERAL PROVISIONS

1. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the *Rules for the Control of Air Pollution in Idaho*, and the Environmental Protection and Health Act, Idaho Code §39-101 et seq.
2. The permittee shall at all times (except as provided in the *Rules for the Control of Air Pollution in Idaho*) maintain and operate in good working order all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
3. The permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
 - To enter upon the permittee's premises where an emissions source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
 - At reasonable times, to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emissions testing (i.e., performance tests) in conformance with state-approved or accepted EPA procedures when deemed appropriate by the Director.
4. Except for data determined to be confidential under Section 9-342A *Idaho Code*, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Department of Environmental Quality.
5. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
6. This permit shall be renewable on the expiration date, provided the permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within 60 days after receipt of the Director's request shall cause the permit to be voided.
7. The Director may require the permittee to develop a list of operation and maintenance procedures to be approved by DEQ. Such list of procedures shall become a part of this permit by reference, and the permittee shall adhere to all of the operation and maintenance procedures contained therein.
8. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.